

| Ref # | Hits | Search Query                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | DBs                | Default Operator | Plurals | Time Stamp       |
|-------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------|---------|------------------|
| L1    | 50   | ("6934712" "6418448" "6742054"<br>"6857013" "6947945" "6804677"<br>"6094649" "6279006" "6324568"<br>"6356920" "6366934" "6397219"<br>"6405204" "6418446" "6421656"<br>"6449620" "6466940" "6480860"<br>"6487566" "6571292" "6584459"<br>"6587855" "6604100" "6635089"<br>"6636845" "6643633" "6654734"<br>"6684204" "6697818" "6704736"<br>"6708164" "6718338" "6721727"<br>"6735594" "6766330" "6782431"<br>"6785673" "6795868" "6798867"<br>"6799184" "6820135" "6826568"<br>"6832219" "6868423" "6871204"<br>"6882996" "6885734" "6898609"<br>"6901410" "6910029").pn. | USPAT              | OR               | OFF     | 2006/01/11 12:47 |
| L2    | 1    | L1 and xquery                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | US-PGPUB;<br>USPAT | AND              | ON      | 2006/01/11 12:48 |
| L3    | 12   | L1 and xpath                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | US-PGPUB;<br>USPAT | AND              | ON      | 2006/01/11 12:48 |
| S2    | 313  | semantic adj representation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | US-PGPUB;<br>USPAT | AND              | ON      | 2006/01/10 10:45 |
| S3    | 23   | semantic adj representation and<br>707/100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | US-PGPUB;<br>USPAT | AND              | ON      | 2006/01/09 09:55 |
| S4    | 17   | semantic adj representation and<br>707/100 and query                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | US-PGPUB;<br>USPAT | AND              | ON      | 2006/01/06 09:48 |
| S5    | 26   | semantic adj representation with<br>query                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | US-PGPUB;<br>USPAT | AND              | ON      | 2006/01/06 09:50 |
| S6    | 63   | generat\$3 near4 (semantic adj<br>representation)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | US-PGPUB;<br>USPAT | AND              | ON      | 2006/01/11 12:47 |
| S7    | 22   | semantic adj representation and<br>707/4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | US-PGPUB;<br>USPAT | AND              | ON      | 2006/01/06 12:48 |
| S8    | 8283 | back-end                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | US-PGPUB;<br>USPAT | AND              | ON      | 2006/01/06 12:48 |
| S9    | 25   | (back-end) with query with<br>language                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | US-PGPUB;<br>USPAT | AND              | ON      | 2006/01/06 12:48 |
| S10   | 58   | semantic adj interpret\$3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | US-PGPUB;<br>USPAT | AND              | ON      | 2006/01/06 14:28 |
| S11   | 5    | mapping adj rule adj interpreter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | US-PGPUB;<br>USPAT | AND              | ON      | 2006/01/06 14:29 |
| S12   | 5    | interpreter with (xml adj query)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | US-PGPUB;<br>USPAT | AND              | ON      | 2006/01/06 14:29 |
| S13   | 23   | interpreter and (xml adj query) and<br>semantic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | US-PGPUB;<br>USPAT | AND              | ON      | 2006/01/06 14:35 |

|     |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                    |     |     |                  |
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| S14 | 50  | ("6934712" "6418448" "6742054"<br>"6857013" "6947945" "6804677"<br>"6094649" "6279006" "6324568"<br>"6356920" "6366934" "6397219"<br>"6405204" "6418446" "6421656"<br>"6449620" "6466940" "6480860"<br>"6487566" "6571292" "6584459"<br>"6587855" "6604100" "6635089"<br>"6636845" "6643633" "6654734"<br>"6684204" "6697818" "6704736"<br>"6708164" "6718338" "6721727"<br>"6735594" "6766330" "6782431"<br>"6785673" "6795868" "6798867"<br>"6799184" "6820135" "6826568"<br>"6832219" "6868423" "6871204"<br>"6882996" "6885734" "6898609"<br>"6901410" "6910029").pn. | USPAT              | OR  | OFF | 2006/01/06 14:33 |
| S15 | 40  | interpreter and (xml adj query) and<br>operator                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | US-PGPUB;<br>USPAT | AND | ON  | 2006/01/09 09:10 |
| S16 | 383 | (representation or interpret or<br>present or map) near3 (queries or<br>inquiries) near4 (database or<br>datasource)                                                                                                                                                                                                                                                                                                                                                                                                                                                      | US-PGPUB;<br>USPAT | AND | ON  | 2006/01/09 11:49 |
| S17 | 141 | (representation or interpret or<br>present or map) near3 (queries or<br>inquiries) near4 (database or<br>datasource or source or server) and<br>xml                                                                                                                                                                                                                                                                                                                                                                                                                       | US-PGPUB;<br>USPAT | AND | ON  | 2006/01/09 09:13 |
| S18 | 128 | (representation or interpret or<br>present or map) near3 (queries or<br>inquiries) near4 (database or<br>datasource or source or server) and<br>xml and (operator or function)                                                                                                                                                                                                                                                                                                                                                                                            | US-PGPUB;<br>USPAT | AND | ON  | 2006/01/09 09:14 |
| S19 | 17  | (representation or interpret or<br>present or map) near3 (queries or<br>inquiries) near4 (database or<br>datasource or source or server) and<br>(xml with (operator or function))                                                                                                                                                                                                                                                                                                                                                                                         | US-PGPUB;<br>USPAT | AND | ON  | 2006/01/09 09:14 |
| S20 | 50  | (representation or interpret or<br>present or map) near3 (queries or<br>inquiries) near4 (database or<br>datasource or source or server) and<br>xml and optimize\$1                                                                                                                                                                                                                                                                                                                                                                                                       | US-PGPUB;<br>USPAT | AND | ON  | 2006/01/09 09:17 |
| S21 | 51  | (representation or interpret or<br>present or map) near3 (queries or<br>inquiries) near4 (database or<br>datasource) and 707/100                                                                                                                                                                                                                                                                                                                                                                                                                                          | US-PGPUB;<br>USPAT | AND | ON  | 2006/01/09 09:29 |
| S22 | 3   | (representation or interpret or<br>present or map) near3 (xml adj<br>(queries or inquiries)) and 707/100                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | US-PGPUB;<br>USPAT | AND | ON  | 2006/01/09 09:30 |

|     |       |                                                                                                                                  |                        |     |     |                  |
|-----|-------|----------------------------------------------------------------------------------------------------------------------------------|------------------------|-----|-----|------------------|
| S23 | 4     | (representation or interpret or present or map) near4 (xml adj (queries or inquiries)) and 707/100                               | US-PGPUB; USPAT        | AND | ON  | 2006/01/09 09:30 |
| S24 | 8     | (representation or interpret or present or map) with (xml adj (queries or inquiries)) and 707/100                                | US-PGPUB; USPAT        | AND | ON  | 2006/01/09 09:31 |
| S25 | 21    | (representation or interpret or present or map) near3 (xml adj (queries or inquiries))                                           | US-PGPUB; USPAT        | AND | ON  | 2006/01/09 09:32 |
| S26 | 51    | (representation or interpret or present or map) with (xml adj (queries or inquiries))                                            | US-PGPUB; USPAT        | AND | ON  | 2006/01/09 09:32 |
| S27 | 3     | ("6263332"   "6519597"   "6604100").PN.                                                                                          | US-PGPUB; USPAT; USOCR | OR  | OFF | 2006/01/09 09:41 |
| S28 | 30    | ("6263332").URPN.                                                                                                                | USPAT                  | OR  | OFF | 2006/01/09 09:42 |
| S29 | 22    | semantic adj representation and 707/4                                                                                            | US-PGPUB; USPAT        | AND | ON  | 2006/01/09 09:55 |
| S30 | 1     | (semantic adj representation) with (non-relational)                                                                              | US-PGPUB; USPAT        | AND | ON  | 2006/01/09 11:48 |
| S31 | 1     | (semantic adj representation) and(non-relational adj database)                                                                   | US-PGPUB; USPAT        | AND | ON  | 2006/01/09 11:48 |
| S32 | 2     | (representation or interpret or present or map) near3 (queries or inquiries) near4 (database or datasource) and (non-relational) | US-PGPUB; USPAT        | AND | ON  | 2006/01/09 12:11 |
| S33 | 58    | (representation or interpret or present or map) near3 (queries or inquiries) and (non-relational)                                | US-PGPUB; USPAT        | AND | ON  | 2006/01/09 12:11 |
| S34 | 27    | ("5819251").URPN.                                                                                                                | USPAT                  | OR  | OFF | 2006/01/09 14:07 |
| S36 | 78508 | virtual xml                                                                                                                      | USPAT                  | OR  | OFF | 2006/01/10 10:45 |
| S37 | 32    | virtual adj xml                                                                                                                  | US-PGPUB; USPAT        | AND | ON  | 2006/01/10 10:45 |